

Compact Braking resistor

BW 154

BW 154/100 - 250 W

Advantages

- Small dimensions at high output
- Fast connection
- Intrinsically safe
- Adaptation to any frequency inverter
- High power to size ratio
- Compact design
- High resistance at overload
- Vertical and horizontal construction
- Options available with temperature switches



Technical data

BW 154				
Type	Resistance R [Ohm]	Continuous output at 25°C and surface over temperature of P [W]		max. operating voltage U [V]
		200 K	250 K	
BW 154 / 100	3 - 500	100	150	900
BW 154 / 150	2,2 - 160	120	160	
BW 154 / 200	5 - 200	140	180	
BW 154 / 250	5 - 250	160	200	

Typical applications: Braking resistor for drives with frequency converters of low to medium power or as a charging resistor. Mounting close to the frequency inverter.

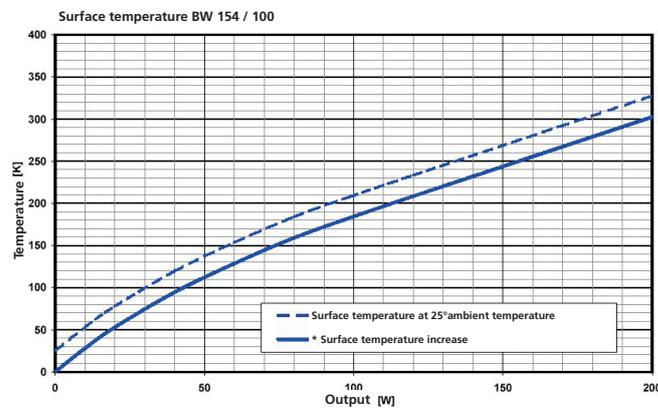
Performances: Protection class IP 54, higher protection classes on request, test voltage 2,5 kV AC other capacities and mounting dimensions on request

Dimensions in mm

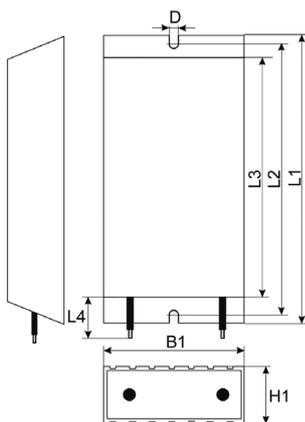
BW 154								
Type	B1 [mm]	H1 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	L4 [mm]	D [mm]	Connection cable
BW 154 / 100	40	21	170	155	140	250	5,5	2 x AWG 14,UL 1659
BW 154 / 150	40	21	210	195	180	250	5,5	2 x AWG 14,UL 1659
BW 154 / 200	40	21	250	235	220	250	5,5	2 x AWG 14,UL 1659
BW 154 / 250	40	21	290	275	260	250	5,5	2 x AWG 14,UL 1659

In the event of destruction, the resistor becomes high-impedance. Each series is available with a temperature switch. The specified performance values were measured at a horizontal position of the resistors in the air with a distance of min. 100mm to the substrate. The power values refer to the standard products with a normal tolerance of +/- 10% at an ambient temperature of 20°C.

We are also happy to produce customer-specific solutions outside our standard portfolio - just contact us!



Horizontal view



Standing view

